Form PTO-1449 '2U.S. DEPARTMENT OF COMMERCE ATTY. DKT. NO. SERIAL NO. PATENT AND TRADEMARK OFFICE Equivalent 500.37453CX1 10/046,977 · WARRENT **APPLICANT INFORMATION DISCLOSURE STATEMENT** DATE et al **BY APPLICANT FILING DATE GROUP** (Use several sheets if necessary) Jan. 17, 2002 **U.S. PATENT DOCUMENTS** Ex. initial Doc. No. Date Name Class Subclass Filing Date AA AB AC AD ΑE AF AG AH **U.S. PATENT APPLICATIONS Publication Number** Name **Publication Date** AI AJ ΑK AL **FOREIGN PATENT DOCUMENTS** Class | Subclass | Translation/Abstract? Country Doc. No. Date Yes 09-252450 9/97 Japan **AM Abstract** AN AO AP AQ **OTHER DOCUMENTS** AR AS **AT**

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